

INTERNATIONAL SEARCH REPORT

International Application No

/IT 02/00741

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B23Q39/00 B23Q39/04 B23Q41/00 B23Q7/04 B23Q1/66

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B23Q B23B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 782 567 A (AIHARA SEIICHI ET AL) 8 November 1988 (1988-11-08) column 4, line 48 - line 63 column 8, line 28 - column 13, line 8 figures 1,4,8	1,4,5
A	US 4 999 895 A (HIROSE AKIRA ET AL) 19 March 1991 (1991-03-19) column 1, line 30 - line 40 column 3, line 7 - column 4, line 20 figures 1-3 --- -/--	1,2,4

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

10 December 2003

Date of mailing of the international search report

18/12/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 4 984 351 A (MATSUYAMA FUTOSHI ET AL) 15 January 1991 (1991-01-15) column 3, line 32 -column 5, line 29 column 6, line 39 - line 41 column 6, line 58 - line 59 figures 1-6,11 ----	1
A	DE 37 22 180 A (CROSS EUROPA WERK GMBH) 12 January 1989 (1989-01-12) column 7, line 65 -column 10, line 60 column 12, line 37 -column 15, line 4 figures 1-5,8 ----	1
A	DE 201 18 456 U (KESSLER KG MASCHF) 31 January 2002 (2002-01-31) page 9, line 9 -page 10, line 25 figure 2 ----	2,3
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A	US 6 298 531 B1 (BAUER WALTER ET AL) 9 October 2001 (2001-10-09) column 5, line 65 -column 6, line 5 column 7, line 3 -column 8, line 14 figures 1-6 -----	2

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Information on patent family members

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